

LIGHT COLLIMATING AND DIFFUSING FILM AND SYSTEM FOR MAKING THE FILM

Abstract

A light collimating and diffusing film and a method for making the film are provided. The film includes a plastic layer having a first side and a second side opposite the first side and at least a first peripheral edge. The first side has a first textured surface, wherein between 7 to 20 percent of slope angles on the first textured surface proximate a first axis has a value between zero and five degrees. The first axis is substantially parallel to the first peripheral edge. The plastic layer collimates light propagating therethrough.